SUBSURFACE TEMPERATURE PROBE INSTALLATION IN SHOULDER AREA

- Install 2" wide x 3" deep saw cut for probe installation.
- Install 1" dia. hole for temperature probe.
- Align the temperature sensor with the center of the cavity.
- Line up with the center of the cavity and the center line of the lane and wheel track.

- Install temperature probe in the roadway shoulder.
- Line up with the center of the cavity and the 6-3/4" core hole x 3-1/4" deep saw cut.
- Chisel out to fit sensor cable connector.
- Use 5" - 6" core hole for temperature sensor if required.

- Sensor cable is laid out to fit sensor connector.
- Use 1" flexible RNMC anchored every 5'.
- Cover with 3" SS anchor, washers, lock washers, and screws.
- Expose RNMC as shown.
- Install ground wire as needed.
- Install sensor cable weatherproof connector.
- Install 6" x 6" x 4" JB junction box as shown on the plan.

- Install sensor cable through hole in bridge deck.
- Install sensor cable to 1" feed through hole in bridge deck.

- Not to scale.